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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Khalid K. Sadozai, Tamera B. Gooding, Kyle Bui and Charles H. Sherwood

Application No.: 10/743,557 Group Art Unit: 1614

Filed: December 22, 2003 Examiner: Not yet assigned

Confirmation No.: 5063

CROSSLINKED HYALURONIC ACID COMPOSITIONS FOR TISSUE  
AUGMENTATION



CERTIFICATE OF MAILING OR TRANSMISSION	
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June 18, 2004	<i>Ellen McLaughlin</i>
Date	(Signature)
Ellen McLaughlin	
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INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
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P.O. Box 1450  
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Sir:

This Information Disclosure Statement is submitted:

☐ under 37 CFR 1.129(a), or  
(First/Second submission after Final Rejection)

☒ under 37 CFR 1.97(b), or  
(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).

☐ under 37 CFR 1.97(c) together with either:  
☐ a Statement under 37 CFR 1.97(e), as checked below, or  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

☐ under 37 CFR 1.97(d) together with:  
☐ a Statement under 37 CFR 1.97(e), as checked below, and  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)

☐ under 37 CFR 1.97(i):  
Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.  
(Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

☒ Enclosed herewith is form PTO-1449:

☒ Copies of the cited references are enclosed.

☒ Since this application was filed after June 30, 2003, copies of issued U.S. patents and published U.S. applications are not required and are not being provided.

☐ Copies of the cited references are enclosed except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]

☐ The listed references were cited in the enclosed International Search Report in a counterpart foreign application.

☒ The "concise explanation" requirement (non-English references) for reference AL2 under 37 CFR 1.98(a)(3) is satisfied by:

☐ the explanation provided on the attached sheet.

☐ the explanation provided in the Specification.

☐ submission of the enclosed International Search Report.

☐ submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.

☒ the enclosed English language abstract.

☐ Applicant requests that the following non-published pending applications be considered:

Examiner's  
Initials

\_\_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]

\_\_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]

\_\_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]

\_\_\_\_\_  
Examiner

\_\_\_\_\_  
Date

☐ A copy of each above-cited application, including the current claims, is enclosed.

☐ A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

☐ A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.

☐ Please charge Deposit Account 08-0380 in the amount of \$[ ]. A copy of this Statement is enclosed.

☒ Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

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Dated: June 18, 2004

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 1767.2011-000		APPLICATION NO. 10/743,557	
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  June 18, 2004 (Use several sheets if necessary)		FIRST NAMED INVENTOR Khalid K. Sadozai		FILING DATE December 22, 2003	
		EXAMINER Not yet assigned		CONFIRMATION NO. 5063	
				GROUP 1614	



## U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
	AA	3,949,073	04-06-1976	Daniels, <i>et al.</i>
	AB	4,424,208	01-03-1984	Wallace, <i>et al.</i>
	AC	4,582,640	04-15-1986	Smestad, <i>et al.</i>
	AD	4,803,075	02-07-1989	Wallace, <i>et al.</i>
	AE	4,851,521	07-25-1989	della Valle, <i>et al.</i>
	AF	4,937,270	06-26-1990	Hamilton, <i>et al.</i>
	AG	4,957,744	09-18-1990	della Valle, <i>et al.</i>
	AH	5,128,326	07-07-1992	Balazs, <i>et al.</i>
	AE	5,143,724	09-01-1992	Leshchiner, <i>et al.</i>
	AE	5,246,698	09-21-1993	Leshchiner, <i>et al.</i>
	AK	5,258,028	11-02-1993	Ersek, <i>et al.</i>
	AA2	5,306,500	04-26-1994	Rhee, <i>et al.</i>
	AB2	5,336,767	08-09-1994	della Valle, <i>et al.</i>
	AC2	5,399,351	03-21-1995	Leshchiner, <i>et al.</i>
	AD2	5,523,291	06-04-1996	Janzen, <i>et al.</i>
	AE2	5,633,001	05-27-1997	Ågerup
	AF2	5,672,301	09-30-1997	Orly, <i>et al.</i>
	AG2	5,792,478	09-01-1992	Lawin, <i>et al.</i>
	AH2	5,827,937	10-27-1998	Ågerup
	AI2	6,039,970	03-21-2000	Callegaro, <i>et al.</i>
	AJ2	6,066,340	05-23-2000	Callegaro, <i>et al.</i>
	AK2	6,231,613 B1	05-15-2001	Greff, <i>et al.</i>
	AA3	6,251,876 B1	06-26-2001	Bellini, <i>et al.</i>
	AB3	6,277,392 B1	08-21-2001	Klein
	AC3	6,288,043 B1	09-11-2001	Spiro, <i>et al.</i>
	AD3	6,418,934 B1	07-16-2002	Chin

EXAMINER	DATE CONSIDERED
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	FIRST NAMED INVENTOR Khalid K. Sadozai		FILING DATE December 22, 2003	
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EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
	AE3	6,497,887 B1	12-24-2002	Zecchino, <i>et al.</i>
	AF3	US 2002/0076810 A1	06-20-2002	Radice, <i>et al.</i>
	AG3	US 2003/0060447 A1	03-27-2003	Karakelle, <i>et al.</i>

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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES NO	
	AL	WO 97/04012	02-06-1997	Bengt Ågerup		
	AM	EP 0 839 159 B1	08-08-2001	Q MED AB		
	AN	EP 0 587 106 B1	07-30-1997	Vectorpharma International S.p.A.		
	AO	0 341 745 B1	12-14-1994	FIDIA S.p.A.		
	AP	EP 0 466 300 B1	05-13-1998	Biomatrix, Inc.		
	AQ	EP 0 655 945 B1	07-01-1998	Coletica		
	AL2	JP200239305	09-05-2000	Denki Kagaku Kogyo KK	X	
	AM2	EP 0 397 652 B1	06-05-1996	Genzyme Corporation		
	AN2	WO 9602209A1	02-01-1996	Advanced Uroscience, Inc.		
	AO2	EP 0 771 179 B1	08-06-2003	Carbon Medical Technologies, Inc.		
	AP2	WO 87/07898	12-30-1987	Pharmacia AB		
	AQ2	WO 94/21299	09-29-1994	Medinvent		
	AL3	EP 079 446 B1	11-24-1999	FIDIA Advanced Biopolymers S.R.L.		
	AM3	EP 0 265 116 B1	03-11-1998	FIDIA S.p.A.		
	AN3					
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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	AR	Barbucci, R., <i>et al.</i> , "Hyaluronic Acid Hydrogel in the Treatment of Osteoarthritis," <i>Biomaterials</i> 23:4503-4513 (2002).
	AS	Milas, M., <i>et al.</i> , "Comparative Rheological Behavior of Hyaluronan from Bacterial and Animal Sources with Cross-Linked Hyaluronan (Hylan) in Aqueous Solution," <i>Biopolymers</i> 59:191-204 (2001).
	AT	Duranti, MD, F., <i>et al.</i> , "Injectable Hyaluronic Acid Gel for Soft Tissue Augmentation A Clinical and Histological Study," <i>The American Society for Dermatologic Surgery, Inc.</i> , 24:1317-1325 (1998).
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